

Schneider Series Service Manual

140NRP95401

1. Description

The 140NRP95401 is a repeater module from Schneider Electric's Modicon Quantum series designed to enhance signal integrity within communication networks. Supporting both fiber-optic and coaxial connections, this module is optimized for single-mode operations.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Line Modicon Quantum
Part	Number 140NRP95401
Product	Repeater Module
Fiber-Optic	Repeater Yes
Single	Mode Supported
Coaxial	Connector Supported
CE	Marked Yes
Operating	Temperature 0 to 40 degrees Celsius
Operating	Humidity Up to 80% without condensation
Operating	Altitude Up to 1000 meters above sea level
Storage	Temperature 0 to 50 degrees Celsius
Storage	Humidity Up to 80% without condensation
Storage	Altitude Up to 1000 meters above sea level
Environment	Clean indoor environment with no corrosive chemicals

3. Product Information

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Technical specifications for 140NRP95401

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Product Line Modicon Quantum

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Product Repeater Module

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Coaxial Connector Supported

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Operating Altitude Up to 1000 meters above sea level

Storage Temperature 0 to 50 degrees Celsius

Storage Humidity Up to 80% without condensation

Storage Altitude Up to 1000 meters above sea level

Environment Clean indoor environment with no corrosive chemicals

Description

Schneider Electric's 140NRP95401 serves as a repeater module, facilitating communication in various settings. As a fiber-optic repeater, it supports single-mode connectivity, ensuring reliable data transmission across networks. This module is also compatible with coaxial connectors, providing flexibility for different types of installations.

With a CE mark, the device adheres to essential regulatory standards. It operates efficiently between 0 and 40 degrees Celsius, making it suitable for several industrial applications. Humidity tolerance is up to 80% without condensation, which is critical for stable operation in varying conditions.

For storage, the module can withstand temperatures from 0 to 50 degrees Celsius and humidity levels similar to its operational limits. It is designed to function at altitudes of up to 1000 meters above sea level, allowing for deployment in elevated locations. This module must be placed in clean indoor environments, ensuring it remains free from corrosive chemicals that could compromise its performance. Overall, the 140NRP95401 is engineered to enhance communication while maintaining robust reliability in controlled settings.